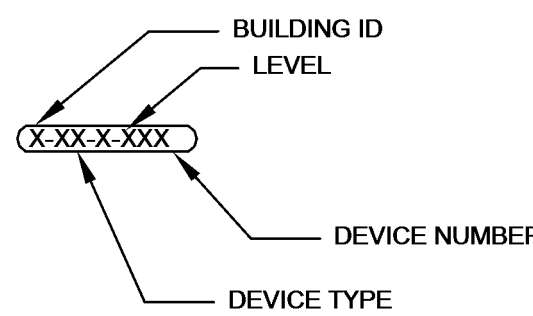


1. PROVIDE AND INSTALL ALL CONDUIT, RACEWAY, BACKBOXES AND ELECTRICAL POWER REQUIRED FOR IMPLEMENTATION OF THE TELECOMMUNICATIONS AND SECURITY SYSTEMS. COORDINATE FINAL LOCATIONS, SIZES AND QUANTITIES OF CONDUIT, RACEWAYS AND BACKBOXES WITH COR AND ARCHITECT
2. COORDINATE ALL POWER REQUIREMENTS.
3. PROVIDE AND INSTALL ALL SECURITY DEVICES, PANELS, CABLEING AND OTHER DEVICES REQUIRED FOR IMPLEMENTATION OF THE SECURITY SYSTEM. T.C. TO INSTALL AND TERMINATE CAT 6 CABLEING FOR CAMERAS.
4. COORDINATE FINAL LOCATIONS, SIZES AND QUANTITIES OF CONDUIT, RACEWAYS AND BACKBOXES WITH THE COR AND ARCHITECT.
5. FURNISH AND INSTALL ALL DATA OUTLETS.
6. FURNISH AND INSTALL ALL PATCH CORDS.
7. TELECOMMUNICATION CONTRACTOR TO GROUND ALL OF THE EQUIPMENT WITHIN THE IDF ROOM. ELECTRICAL CONTRACTOR TO CONNECT TGBB TO MAIN BUILDING GROUNDING SYSTEM.
8. TELECOMMUNICATION AND ELECTRICAL CONTRACTOR TO COMPLY AND CERTIFY ALL SEISMIC REQUIREMENTS FOR ZONE 4.
9. GENERAL CONTRACTOR TO ENSURE BOTH TELECOMMUNICATION AND SECURITY CONTRACTORS HAVE ENTIRE CONSTRUCTION DOCUMENTS SHOWN HERE.
10. TELECOMMUNICATIONS CONTRACTOR SHALL PROVIDE AND INSTALL WIRELESS ACCESS POINT CABLEING ONLY. THE VA WILL PATCH AND INSTALL ACCESS POINT EQUIPMENT.

DEVICE LABEL



Building (If Applicable)		Device Type	Device
A	Building Identifier	<u>Video Surveillance</u>	Level 1 Grade
B		VC Camera	Lower Level
C		VM Video Workstation	Ground Level
D		VM Monitor	Grade
E		<u>Access Control</u>	
↓		AP Access Control Point	4
		AH Access Head End	↓
		AW Access System Workstation	
		AM Access Monitor	
		<u>Intrusion Detection</u>	
		AZ Alarm Point/Zone	
		AD Alerting Device	
		KP System Keypad	
		ASP Alarm System Panel	
		ANP Annunciation Panel	
		<u>Intercom</u>	
		IC Intercom Location	
		VI Video Intercom Location	
		IM Intercom Master Station	
		IH Intercom Head End	
		<u>Control / Infrastructure</u>	
		SCMD Command Center - Contains multiple device types. Details provided in room layout.	
		SIDF Security IDF – security dedicated IDF. Details provided in room layout.	
		SMDF Security MDF – security dedicated MDF. Details provided in room layout.	
		IDF Telecomm IDF – can be used to contain security devices. Details provided in room layout.	
		MDF Telecomm MDF – can be used to contain security devices. Details provided in room layout.	
		Monitoring Location – Central monitoring location off of the SCMD. May include AW, AM, VM, VV, etc.	

LTR	DESCRIPTION	DEVICE/USE	PERFERRED CABLE
a	4C/18 AWG UNSHIELDED	LOCK POWER	BELDEN 658AFS GY
b	4C/22 AWG UNSHIELDED	REX/SPARE	BELDEN 658AFS BL
c	6C/22 AWG OVERALL SHIELD	CARD READER	BELDEN 658AFS OR
d	2C/22 AWG UNSHIELDED	DOOR CONTACT	BELDEN 658AFS WH
e	2C/18 AWG UNSHIELDED	POWER JUMPER	BELDEN 6320UE
g	1C/6 AWG GREEN	GROUNDING	GENERIC
h	4P/23 AWG UTP CAT 6	IP SECURITY DEVICE	REF TO DIV-27
p	8P8C 23 AWG UTP CAT 6	LAN/IP PATCH CORD	REF TO DIV-27
s	RG59+2C/18 AWG SIAMESE COAX	ANALOG CCTV CAMERA	BELDEN 499948
x	RG59+2C/18+1PR/23 AWG	ANALOG PTZ CAMERA	BELDEN 600PTZ

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OF THE WORK DESCRIBED IN THESE CONTRACT DRAWINGS AND SPECIFICATIONS.
2. THE CONTRACTOR SHALL ADHERE TO ALL BUILDING RULES AND REGULATIONS.
3. ALL CABLES SHALL BE HOMERUN FROM THE COMMUNICATION OUTLETS TO THE TELECOM ROOM IN SPACE ABOVE HUNG CEILING OR IN DESIGNATED PATHWAYS THROUGH FLOOR BELOW OR THROUGH OPEN CEILING AREAS.
4. THESE COMMUNICATIONS DRAWINGS ARE TO BE USED IN CONJUNCTION WITH THE COMMUNICATIONS SPECIFICATIONS DOCUMENT. SHOULD THERE BE ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE SPECIFICATIONS, THE CONTRACTOR SHALL BRING IT TO THE IMMEDIATE ATTENTION OF THE COR.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEYING THE BUILDING AND LOCATING ALL BACKBOXES, CONDUITS, STUB-UPS DESIGNATED FOR THE SEQUENCE OF WORK WITH THE COR.
6. ALL CONDUITS AND SLEEVES DESIGNATED FOR COMMUNICATIONS USE, WHETHER THEY ARE UTILIZED BY THE CONTRACTOR OR NOT, SHALL BE FIRE STOPPED.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH OTHER TRADES AND DRAWINGS. FURTHERMORE, THE CONTRACTOR SHALL COORDINATE THE SEQUENCE OF WORK WITH THE COR.
8. BACKBOXES, CONDUITS, STUB-UPS SHALL BE PROVIDED.
9. ALL CABLES SHALL BE INSTALLED IN CONDUIT AS DETAILLED. WHERE INSTALLED ABOVE A SUSPENDED CEILING, CABLE MAY BE INSTALLED WITHOUT RACEWAY FROM THE CONDUIT STUB-UP TO THE NEAREST CABLE TRAY OR TELECOM ROOM UNLESS A GAP OF 48" EXISTS, OTHERWISE SUPPORT WILL BE REQUIRED. ALL CABLE INSTALLED ABOVE HUNG CEILINGS SHALL BE SUPPORTED WITH APPROVED CABLE SUPPORT DEVICES SUCH AS COMMUNICATIONS RATED J-HOOKS. ALL CABLES RUN ABOVE SUSPENDED CEILING SHALL BE PLENUM RATED, SHALL BE INSTALLED WITH AT LEAST 3" OF CLEAR SPACE ABOVE AND BE SECURED TO THE BOTTOM OF THE SUSPENDED CEILING AND SHALL BE INSTALLED WITH MINIMUM OF 12" CLEAR OF FLUORESCENT LIGHT BALLASTS.
10. THE ENTIRE CABLE PLANT SHALL BE TESTED AS OUTLINED IN THE SPECIFICATIONS.
11. THE CONTRACTOR SHALL PROVIDE ALL CABLE, HARDWARE AND EQUIPMENT SHOWN ON THESE DRAWINGS EXCEPT WHERE OTHERWISE NOTED.
12. THE CONTRACT DRAWINGS OF ALL TRADES INCLUDING ARCHITECTURAL, STRUCTURAL, HVAC, ELECTRICAL, PLUMBING, FIRE PROTECTION, IF, SECURITY ETC ARE ALL PART OF THIS PACKAGE. THE CONTRACTOR MUST REVIEW THE DRAWINGS OF ALL TRADES AND OBTAIN PERTINENT COORDINATION THAT PERTAINS TO THE TELECOM WORK AND IS SHOWN OR INDICATED ON DRAWINGS. NO EXTRAS WILL BE PERMITTED DUE TO THE FAILURE OF THE CONTRACTOR TO COMPLY WITH THIS REQUIREMENT.
13. THE CONTRACTOR MUST MAINTAIN A RUNNING UPDATE OF ALL FIELD OR CONTRACT DOCUMENT CHANGES AND UPDATE HIS "AS BUILT" DRAWINGS AS AN ONGOING PROCESS.
14. THE CONTRACTOR SHALL COORDINATE WITH ARCHITECT AND COR FOR MOUNTING HEIGHTS OF ALL COMMUNICATIONS OUTLETS. UNLESS DIRECTED OTHERWISE, ALL WALL MOUNTED COMMUNICATIONS OUTLETS SHALL BE MOUNTED 18 INCHES ABOVE FINISHED FLOOR. UNLESS DIRECTED OTHERWISE, WALL MOUNTED TELEPHONE OUTLETS SHALL BE MOUNTED 42 INCHES ABOVE FINISHED FLOOR.
15. ALL EQUIPMENT, CABLEING, RACEWAY, ETC. SHALL BE GROUNDED IN ACCORDANCE WITH THE SPECIFICATIONS AND ULG618-607-B. PROVIDE GROUND CONDUCTORS, GROUND CLAMPS, COMPRESSION TAPS, LUGS, ETC. AS REQUIRED FOR CONNECTION TO THE TELECOMMUNICATIONS CABLEING AND BONDING SYSTEM (AS REQUIRED). TELECOMMUNICATIONS GROUNDING AND BONDING SYSTEM SHALL BE PROVIDED, INCLUDING BUT NOT LIMITED TO: BONDING CONDUCTOR FOR TELECOMMUNICATIONS; TELECOMMUNICATIONS MAIN GROUNDING BUSBAR, TELECOMMUNICATIONS OUTLETS SHALL BE MOUNTED TO BONDING CONDUCTOR (INCLUDING BUSBAR); GROUNDING CABLE AND BONDING CONDUCTORS TO BUILDING STEEL (WHERE APPLICABLE), POWER PANELS (WHERE APPLICABLE) AND CONDUITS.
16. UNLESS OTHERWISE SPECIFIED, ALL CONDUIT TO BE 1-1/4" ELECTROMETALLIC TUBING (EMT) AND RUN WITHIN WALLS.
17. DOOR DETAILS ARE TYPICAL FOR CONDUIT AND BACK BOX CMT REQUIREMENTS. REFER TO FLOOR PLAN FOR ACTUAL DEVICE LOCATION AT EACH DOOR.
18. ALL JUNCTION BOXES SHALL BE MOUNTED ON THE PROTECTED SIDE OF THE DOOR. MOUNT BOX SECURELY ON CEILING SLAB OR ON WALL MINIMUM TWELVE INCHES ABOVE DOOR. BOX COVER TO BE ACCESSIBLE. COORDINATE LOCATION WITH ALL TRADES.
19. RECESSED CATCHES SHALL BE INSTALLED FOUR INCHES FROM LATCH SIDE OF DOOR. HANDBOX SHALL BE CENTERED ON CONTACT LOCATION. WIRING FOR TELECOMS ON DOUBLE DOORS SHALL BE RUN THROUGH HOLLOW METAL FRAMES.
20. CONTRACTOR TO PROVIDE STRIKE COVER PLATE WHEN NECESSARY. COORDINATE FINISH AND STYLE WITH ARCHITECT.
21. ALL DOOR AND FRAME PREPARATION TO BE DONE BY CONTRACTOR, COORDINATION AS REQUIRED.
22. FOR INSTALLATION OF ELECTROMAGNETIC LOCKS, ELECTRIFIED MORTISE LOCKS AND ELECTRICAL STRIKES, FOLLOW MANUFACTURERS INSTRUCTIONS.
23. ALL DOOR HARDWARE AND SECURITY RELATED DOOR HARDWARE TO BE SELECTED. COORDINATE COLOR AND FINISH REQUIREMENTS AS NECESSARY.
24. SECURITY DEVICES SHALL BE MOUNTED ON BACKBOXES, AS SHOWN IN INSTALLATION DETAILS. UNLESS OTHERWISE NOTED. CONDUITS, PULL STRINGS, BACKBOXES AND BUSINGS SHALL BE PROVIDED AND INSTALLED.
25. CONTRACTOR SHALL COORDINATE FINAL QUANTITIES, LOCATIONS AND STYLES WITH COR AND ARCHITECT.
26. ALL SECURITY DATA OUTLETS TO CONNECT TO SECURITY PATCH PANEL AND SWITCH. SEE TELECOMMUNICATIONS DRAWINGS FOR MORE DETAILS.
27. TELECOMMUNICATIONS CONTRACTOR TO PROVIDE AND INSTALL LADDER RACK WITHIN THE IDF ROOMS.

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VA PAHCS
Veterans Affairs Palo Alto Health Care System

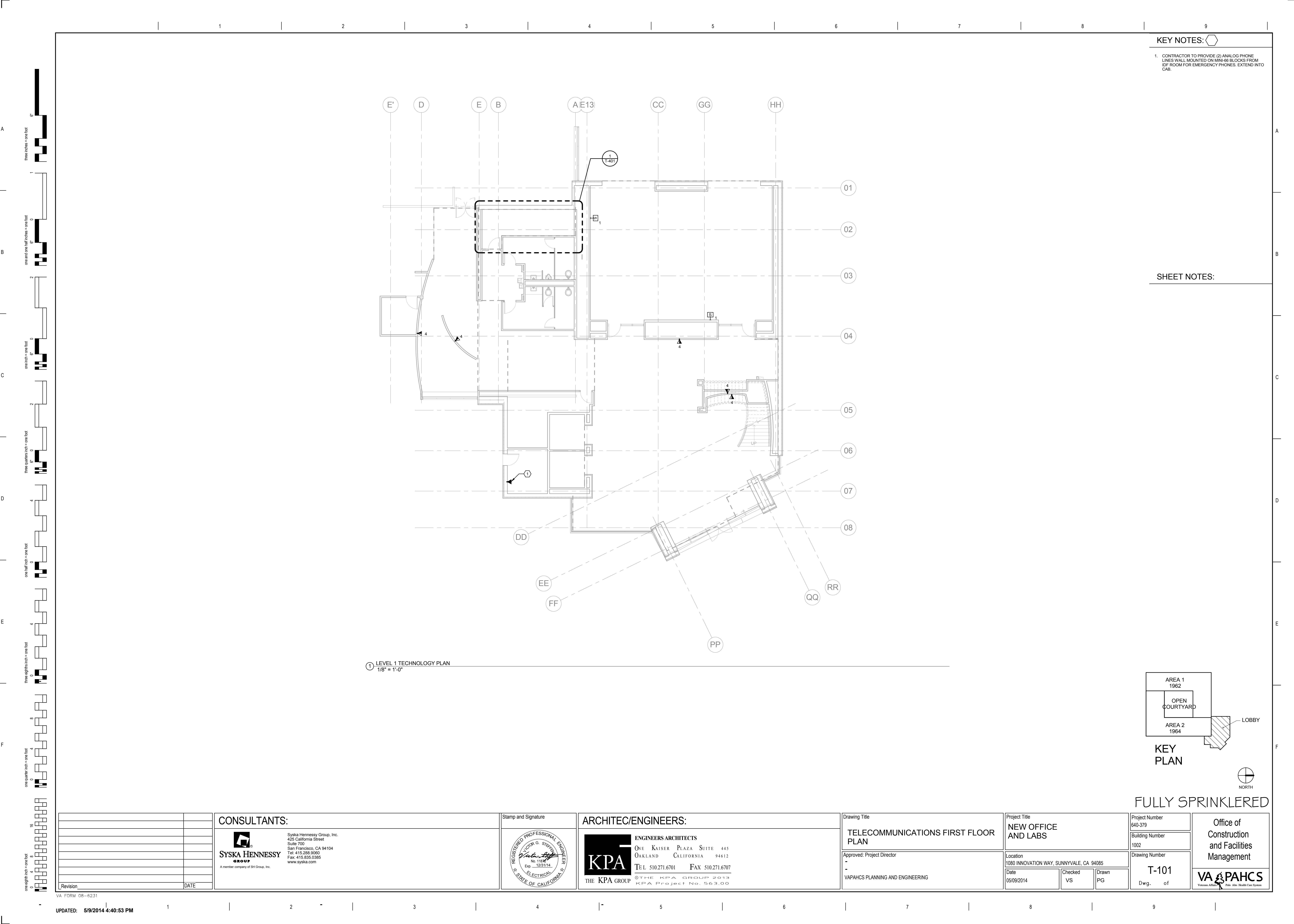
1. CONTRACTOR RESPONSIBLE FOR ALL TELECOMMUNICATION OUTSIDE PLANT INFRASTRUCTURE WHICH INCLUDES INSTALLATION OF ALL MANHOLES, HANDHOLES, AND CONCRETE ENCASEMENTS AS IS REQUIRED BY CODE.



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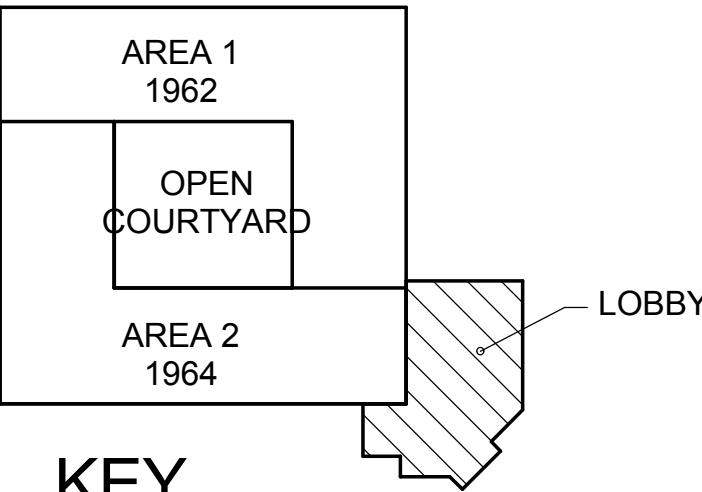
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KEY NOTES:

1. CONTRACTOR TO PROVIDE (2) ANALOG PHONE LINES WALL MOUNTED ON MINI-66 BLOCKS FROM IDF ROOM FOR EMERGENCY PHONES. EXTEND INTO CAB.

SHEET NOTES:



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lines inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot

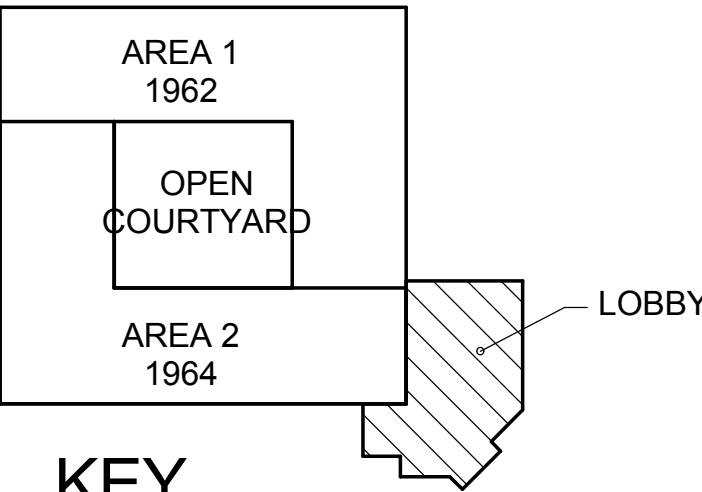
KEY NOTES:

- (2) DATA JACKS FOR AV CONNECTIONS IN A SINGLE GANG CLOCK TYPE BACKBOX. COORDINATE WITH ARCHITECT ON EXACT LOCATION AND HEIGHTS. TYPICAL.
- A DOUBLE GANG CLOCK TYPE BACKBOX FOR AV CONNECTIONS. COORDINATE WITH ARCHITECT ON EXACT LOCATION AND HEIGHTS. TYPICAL.
- A SINGLE GANG BACKBOX FOR VIDEO CONFERENCE CAMERA. COORDINATE WITH ARCHITECT ON EXACT LOCATION AND HEIGHTS. TYPICAL.
- (1) SINGLE GANG BACKBOX FOR LIGHTING CONTROLS AND (1) DOUBLE GANG BACKBOX FOR TOUCH SCREEN MONITOR FOR AV. COORDINATE WITH ARCHITECT ON EXACT LOCATION AND HEIGHTS. TYPICAL.
- (3) DOUBLE GANG BACKBOXES FOR AV CONNECTIONS. COORDINATE WITH ARCHITECT ON EXACT LOCATION AND HEIGHTS.
- (6) DATA OUTLETS FOR AV CONNECTIONS. COORDINATE WITH ARCHITECT ON EXACT LOCATION AND HEIGHTS.

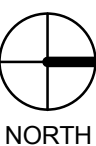
SHEET NOTES:

- STUB UP 6" ABOVE FINISHED CEILING (AFF) FOR ALL CONDUITS WITHIN THE CONFERENCE ROOMS.
- ALL CONFERENCE ROOM OUTLETS WILL BE SUPPORTED VIA L-HOOKS WITHIN THE CONFERENCE ROOMS. THE CABLING SHALL BE FEED VIA THE 4" CONDUITS GOING TO PULLBOX. EACH ROOM HAS IT OWN DEDICATED 4" CONDUITS. TYPICAL.
- ALL OTHER CABLES FEEDING DEVICE OUTLETS OUTSIDE OF THE CONFERENCE ROOMS SHALL ALL BE IN CONDUIT GOING TO THE NEAREST PULLBOX.
- PROVIDE ALL CONDUIT, PULLBOXES, AND BACKBOXES.

1 LEVEL 2 TECHNOLOGY PLAN
1/8" = 1'-0"

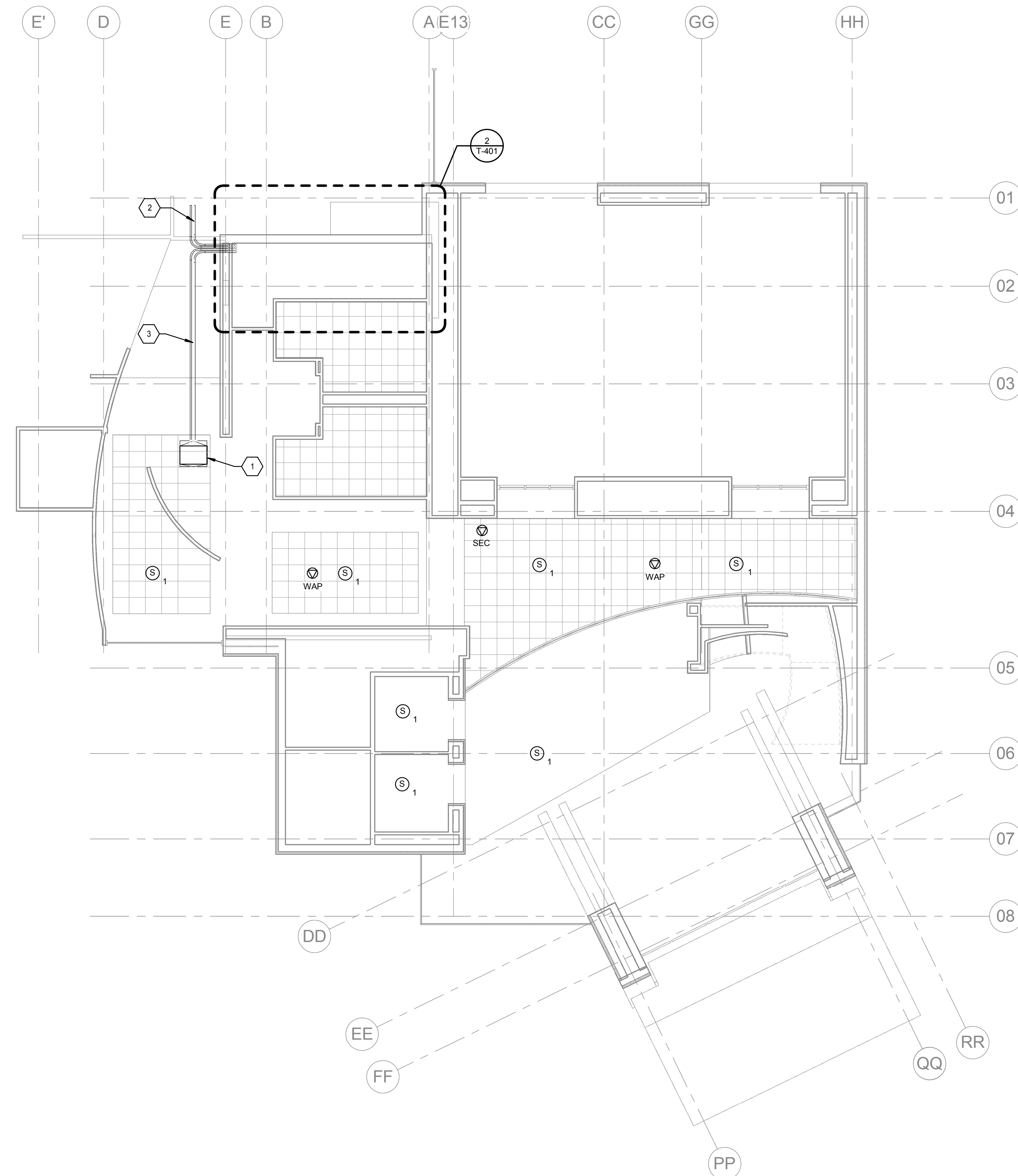


KEY PLAN

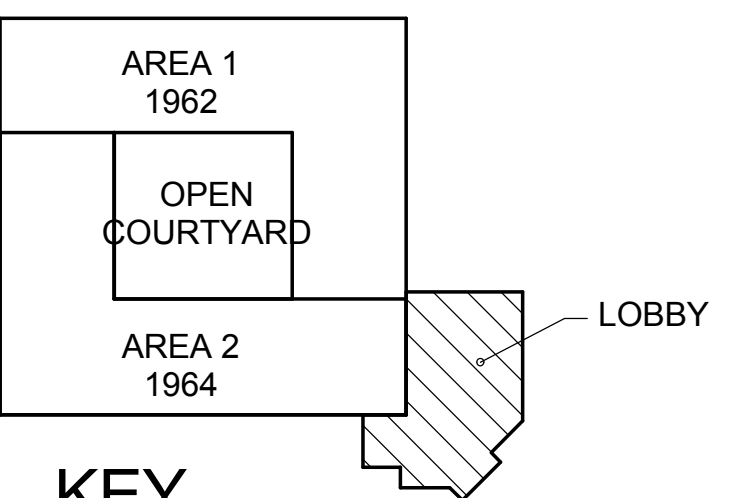


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<div>CONSULTANTS:</div> <div>SYSKA HENNESSY GROUP A member company of SH Group, Inc.</div> <div>Syska Hennessy Group, Inc. 425 California Street Suite 700 San Francisco, CA 94104 Tel: 415.258.9560 Fax: 415.835.0385 www.syska.com</div>		<div>Stamp and Signature</div> <div></div>	<div>ARCHITECT/ENGINEERS:</div> <div>KPA THE KPA GROUP</div> <div>ENGINEERS ARCHITECTS ONE KAISER PLAZA SUITE 445 OAKLAND CALIFORNIA 94612 TEL 510.271.6701 FAX 510.271.6707 © THE KPA GROUP 2013 KPA Project No. 563.00</div>	<div>Drawing Title</div> <div>TELECOMMUNICATIONS SECOND FLOOR PLAN</div> <div>Approved: Project Director - VAPAHCS PLANNING AND ENGINEERING</div>	<div>Project Title</div> <div>NEW OFFICE AND LABS</div> <div>Location 1080 INNOVATION WAY, SUNNYVALE, CA 94085</div> <div>Date 05/09/2014</div> <div>Checked H CHEEMA</div> <div>Drawn C CALINGASAN</div>	<div>Project Number 640-379</div> <div>Building Number 1002</div> <div>Drawing Number T-102</div> <div>Dwg. of</div>	<div>Office of Construction and Facilities Management</div> <div>VAPAHCS Veterans Affairs Palo Alto Health Care System</div>
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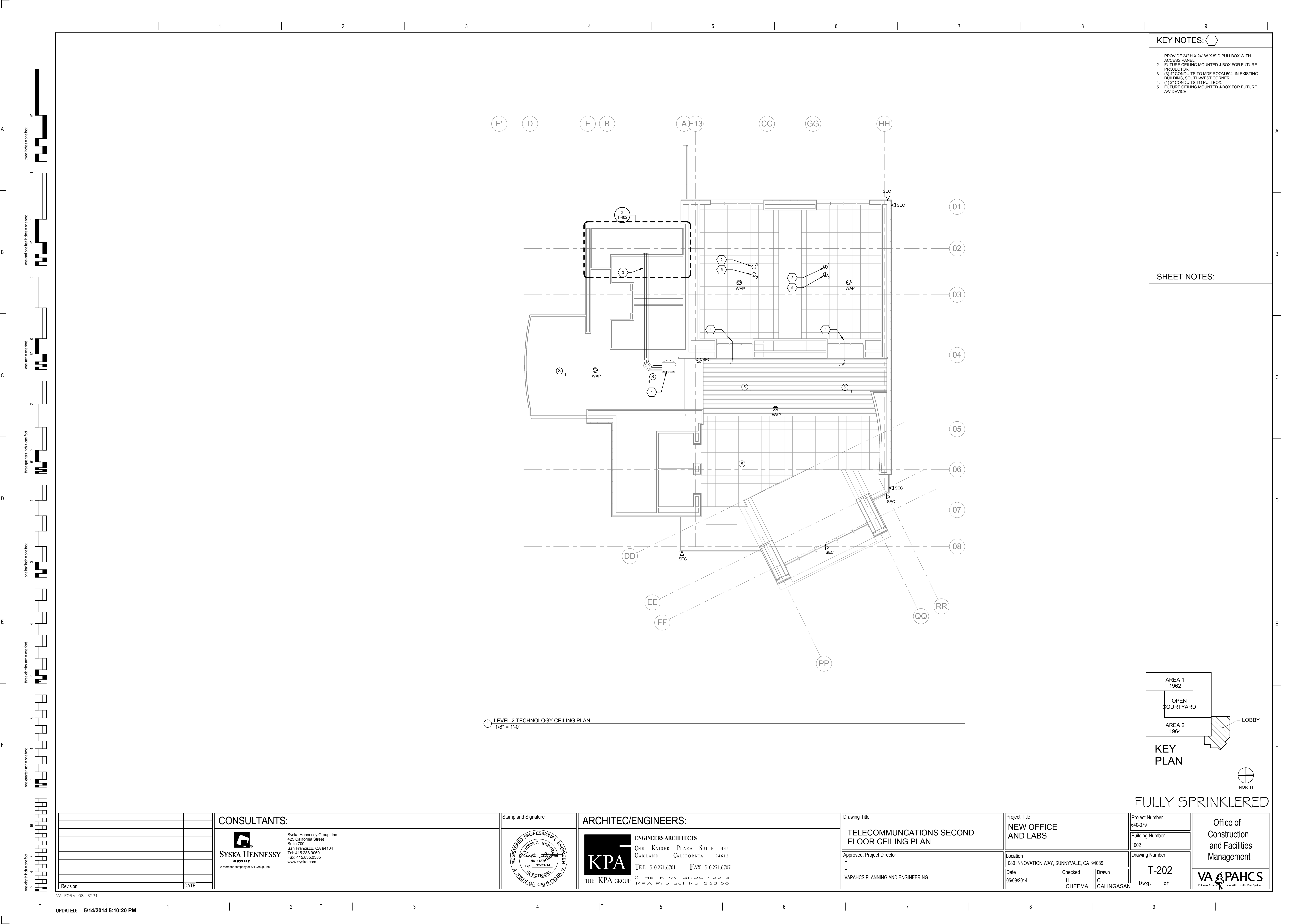
① LEVEL 1 TECHNOLOGY CEILING PLAN
1/8" = 1'-0"

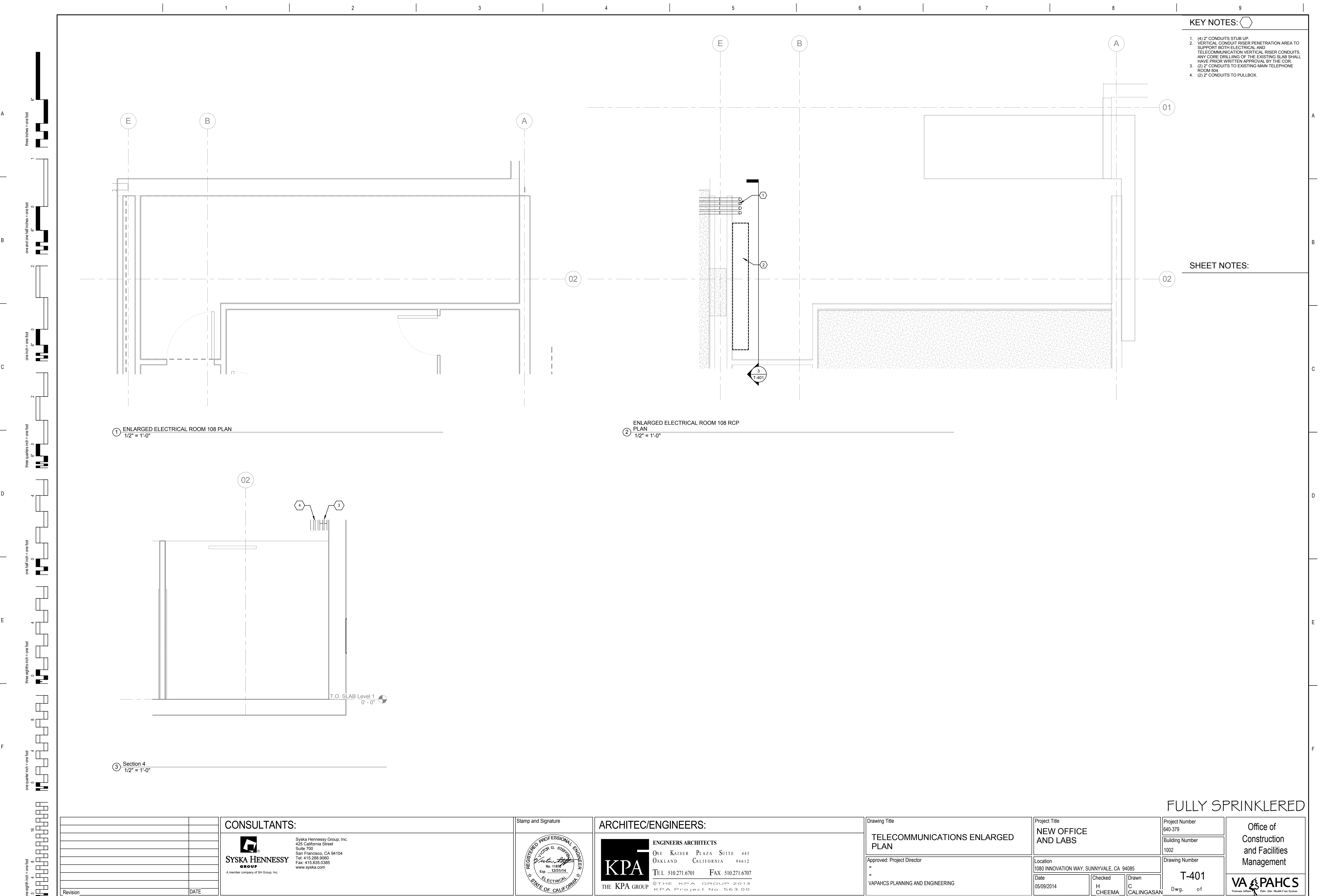


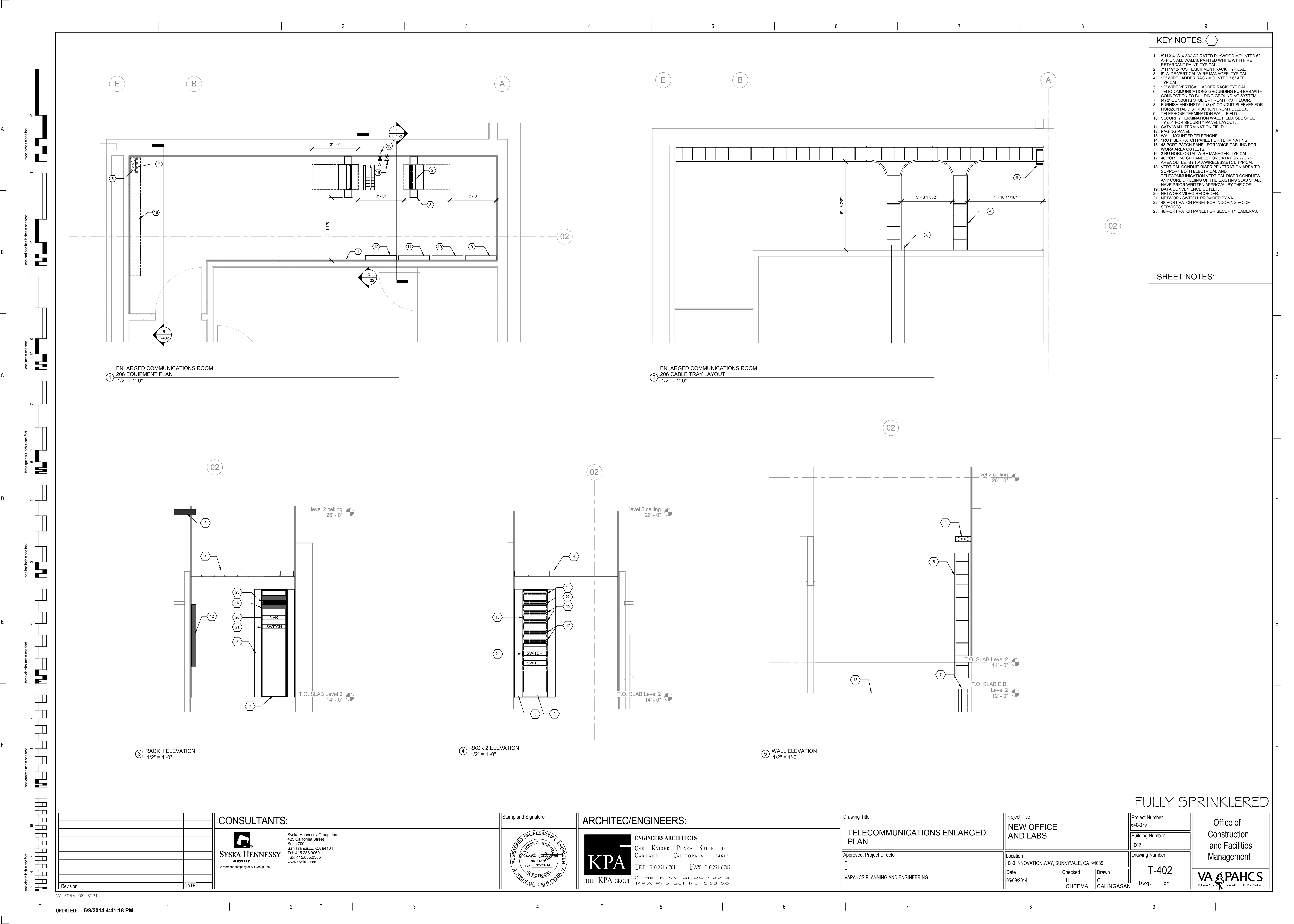
A compass rose with a circle and a vertical line. The top half is labeled 'N' and the bottom half is labeled 'S'.

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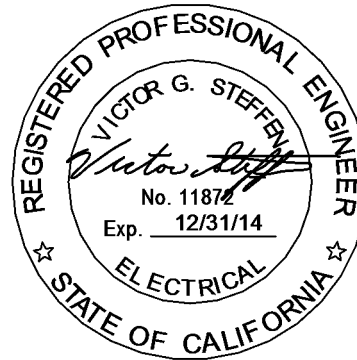




KEY NOTES:

- 8' H X 4' W X 3/4" AG RATED PLYWOOD MOUNTED 6" AFF ON ALL WALLS, PAINTED WHITE WITH FIRE RETARDANT PAINT, TYPICAL.
- 7' H 15" 2-POST EQUIPMENT RACK, TYPICAL.
- 6" WIDE VERTICAL WIRE MANAGER, TYPICAL.
- 12" WIDE LADDER RACK MOUNTED 78" AFF, TYPICAL.
- 12" WIDE VERTICAL LADDER RACK, TYPICAL.
- TELECOMMUNICATIONS GROUNDING BUS BAR WITH CONNECTION TO BUILDING GROUNDING SYSTEM.
- (4) 2" CONDUITS STUB UP FROM FIRST FLOOR.
- FURNISH AND INSTALL (3) 4" CONDUIT SLEEVES FOR HORIZONTAL DISTRIBUTION FROM PULL BOX.
- TELEPHONE TERMINATION WALL FIELD.
- SECURITY TERMINATION WALL FIELD, SEE SHEET TY-501 FOR SECURITY PANEL LAYOUT.
- CATV WALL TERMINATION FIELD.
- PAGING PANEL.
- WALL MOUNTED TELEPHONE.
- 1RU FIBER PATCH PANEL FOR TERMINATING.
- 48 PORT PATCH PANEL FOR VOICE CABLING FOR WORK AREA OUTLETS.
- 2 RU HORIZONTAL WIRE MANAGER, TYPICAL.
- 48 PORT PATCH PANELS FOR DATA FOR WORK AREA OUTLETS (IT, AV, WIRELESS, ETC), TYPICAL.
- VERTICAL CONDUIT RISER PENETRATION AREA TO SUPPORT BOTH ELECTRICAL AND TELECOMMUNICATION VERTICAL RISER CONDUITS. ANY CORE DRILLING OF THE EXISTING SLAB SHALL HAVE PRIOR WRITTEN APPROVAL BY THE COR.
- DATA CONVENIENCE OUTLET.
- NETWORK VIDEO RECORDER.
- NETWORK SWITCH, PROVIDED BY VA.
- 48-PORT PATCH PANEL FOR INCOMING VOICE SERVICES.
- 48-PORT PATCH PANEL FOR SECURITY CAMERAS.

SHEET NOTES:

FULLY SPRINKLERED

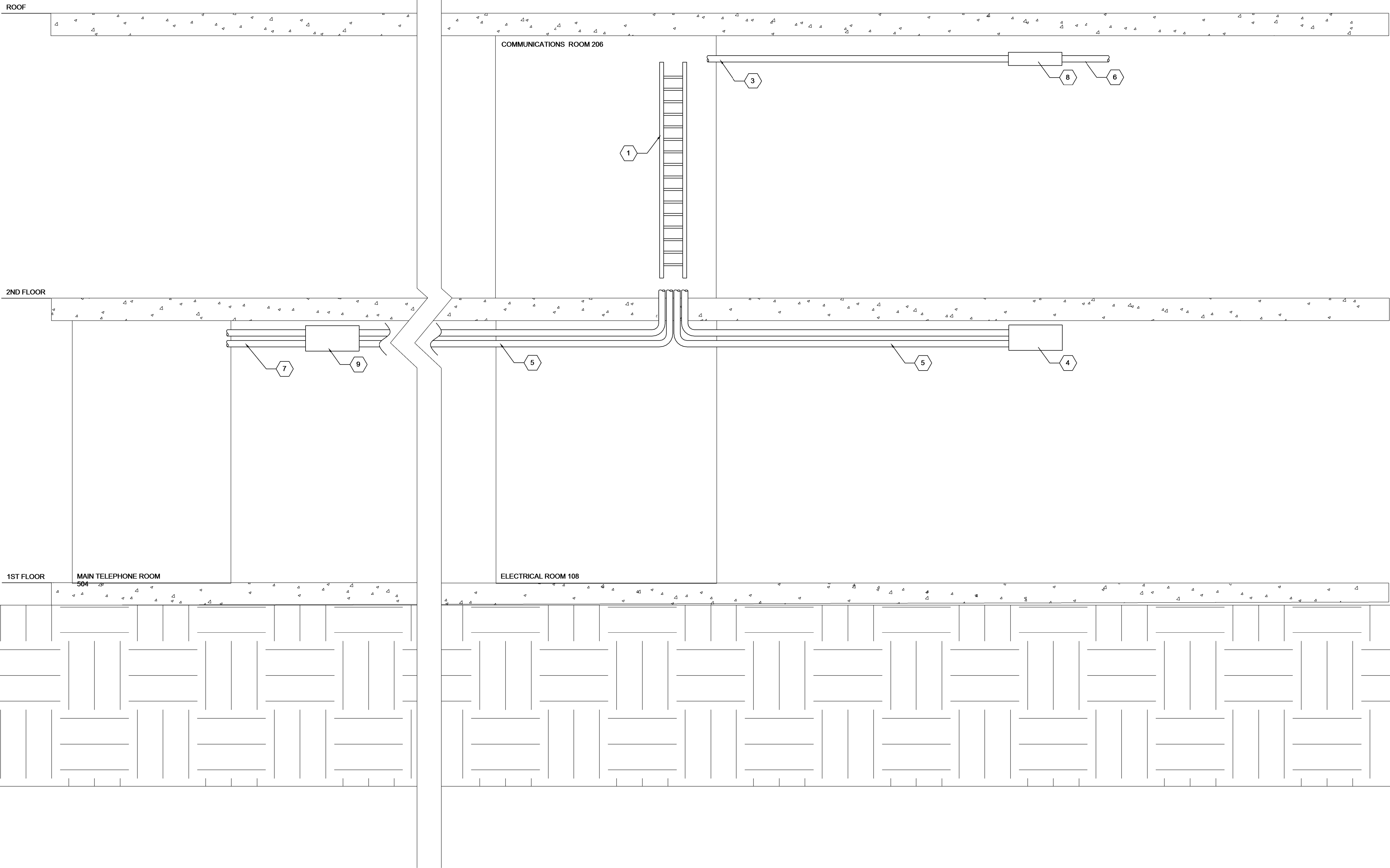
		<div>CONSULTANTS:</div> <div><div><div><div>SYSKA HENNESSY</div><div>GROUP</div></div><div><small>A member company of SH Group, Inc.</small></div></div><div><small>Syska Hennessy Group, Inc. 425 California Street Suite 700 San Francisco, CA 94104 Tel: 415.268.9660 Fax: 415.835.0385 www.syska.com</small></div></div>		<div>Stamp and Signature</div> <div><div></div><div><div>VICTOR G. STEPEN</div><div>REGISTERED PROFESSIONAL ENGINEER</div><div>ELECTRICAL</div><div>STATE OF CALIFORNIA</div></div></div>		<div>ARCHITECT/ENGINEERS:</div> <div><div><div><div>THE KPA GROUP</div></div></div><div><small>ENGINEERS ARCHITECTS ONE KAISER PLAZA SUITE 445 OAKLAND CALIFORNIA 94612 TEL 510.271.6701 FAX 510.271.6707 ©THE KPA GROUP 2013 KPA Project No. 563.00</small></div></div>		<div>Drawing Title</div> <div>TELECOMMUNICATIONS ENLARGED PLAN</div> <div><div>Approved: Project Director</div><div><div>VAPAHCS PLANNING AND ENGINEERING</div></div></div>		<div>Project Title</div> <div>NEW OFFICE AND LABS</div> <div><div>Location</div><div>1080 INNOVATION WAY, SUNNYVALE, CA 94085</div></div>		<div>Project Number</div> <div>640-379</div> <div><div>Building Number</div><div>1002</div></div>		<div>Office of Construction and Facilities Management</div> <div><div><div><div>VAPAHCS</div><div>Veterans Affairs Palo Alto Health Care System</div></div></div></div>	
<div>Revision</div> <div>DATE</div>								<div>Drawing Number</div> <div>T-402</div> <div><div>Dwg. of</div></div>							

KEYNOTE:

- 12" VERTICAL LADDER RACK FOR VERTICAL CABLING DISTRIBUTION LADDER RACK FURNISHED AND INSTALLED BY CONTRACTOR - TYPICAL.
- J-HOOK PATHWAY FOR HORIZONTAL CABLING DISTRIBUTION - TYPICAL.
- (3) 4" SLEEVES FOR HORIZONTAL DISTRIBUTION. SLEEVES FURNISHED AND INSTALLED BY CONTRACTOR - TYPICAL.
- 16" L X 12" W X 4" D ELECTRICAL PULLBOX FURNISHED AND INSTALLED BY CONTRACTOR.
- (2) 2" CONDUITS FOR HORIZONTAL DISTRIBUTION TO PULLBOX. CONDUITS FURNISHED AND INSTALLED BY CONTRACTOR - TYPICAL.
- (2) 4" CONDUITS FOR HORIZONTAL DISTRIBUTION TO EACH CONFERENCE ROOM. CONDUITS FURNISHED AND INSTALLED BY CONTRACTOR - TYPICAL.
- (2) 2" CONDUITS FOR HORIZONTAL DISTRIBUTION TO MAIN TELEPHONE ROOM 504. CONDUITS FURNISHED AND INSTALLED BY CONTRACTOR - TYPICAL.
- 36" L X 36" W X 8" D ELECTRICAL PULLBOX OUTSIDE OF SCOPE OF AREA FOR HORIZONTAL DISTRIBUTION. COORDINATE WITH ARCHITECT AND VA COR. FURNISHED AND INSTALLED BY CONTRACTOR.
- 16" L X 16" W X 4" D ELECTRICAL PULLBOX OUTSIDE OF SCOPE OF AREA FOR HORIZONTAL DISTRIBUTION. COORDINATE WITH ARCHITECT AND VA COR. FURNISHED AND INSTALLED BY CONTRACTOR.

NOTES:

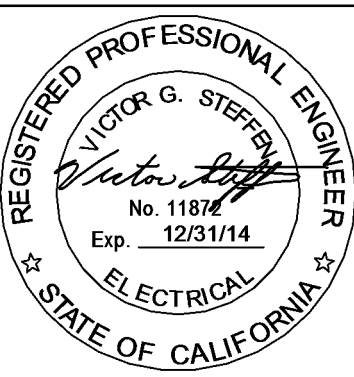
- RISER DRAWINGS SHOWN ARE FOR SLEEVE AND CONDUIT DIAGRAMMATICAL REFERENCE ONLY.
- IN ALL CONDUITS PROVIDE PULL STRING ONE PER CONDUIT.
- PROVIDE INNERDUCT FOR (1) 2" CONDUIT FROM MAIN TELEPHONE ROOM 504 TO COMMUNICATIONS ROOM 108.



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OAKLAND CALIFORNIA 94612
TEL 510.271.6701 FAX 510.271.6707
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KPA Project No. 563.00

Drawing Title

TELECOMMUNICATIONS CONDUIT
RISER DIAGRAM

Approved: Project Director

VAPAHCS PLANNING AND ENGINEERING

Project Title

NEW OFFICE
AND LABS

Location

1080 INNOVATION WAY, SUNNYVALE, CA 94085

Date
05/09/2014

Checked
H
CHEEMA

Drawn
C
CALINGASAN

Project Number

640-379

Building Number

1002

Drawing Number

T-601

Dwg. of

Office of
Construction
and Facilities
Management

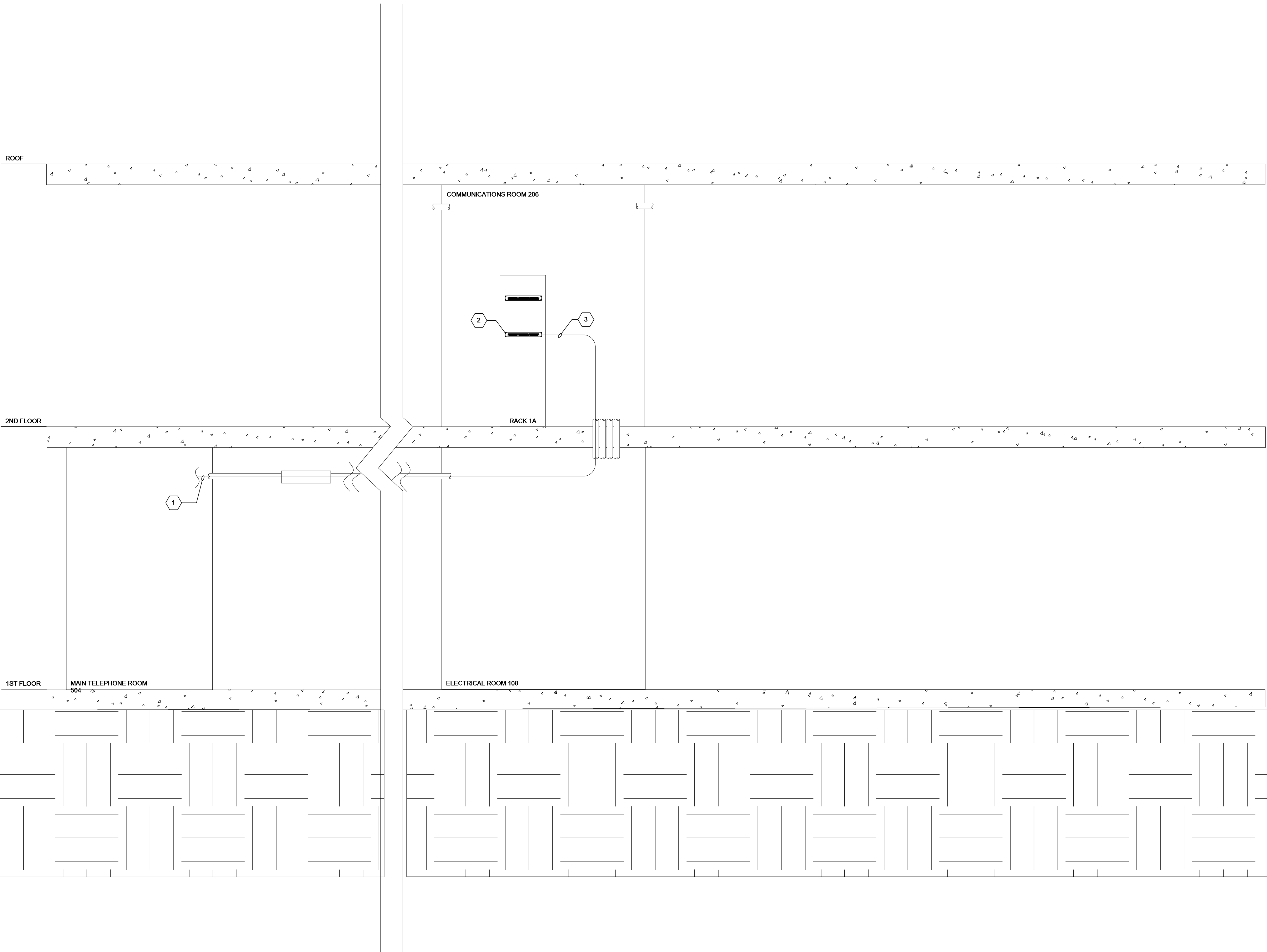
VA PAHCS
Veterans Affairs Palo Alto Health Care System


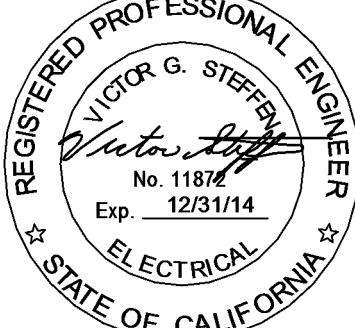


KEYNOTE:

- 12 STRANDS OF SINGLEMODE FIBER IN 1" INNERDUCT FROM MAIN TELEPHONE ROOM 504 TO COMMUNICATION ROOM 206
- FIBER TERMINATION ENCLOSURE.
- 12 STRANDS OF SINGLEMODE FIBER.

NOTES:

- CONDUIT AND SLEEVES ARE SHOWN FOR DIAGRAMMATICAL REFERENCE ONLY.
- ALL CONDUITS AND SLEEVES SHALL BE PROVIDED WITH ONE PULL STRING PER
- ALL INNERDUCT PROVIDED BY T.C. SHALL INCLUDE PULL STRING PER INNERDUCT.



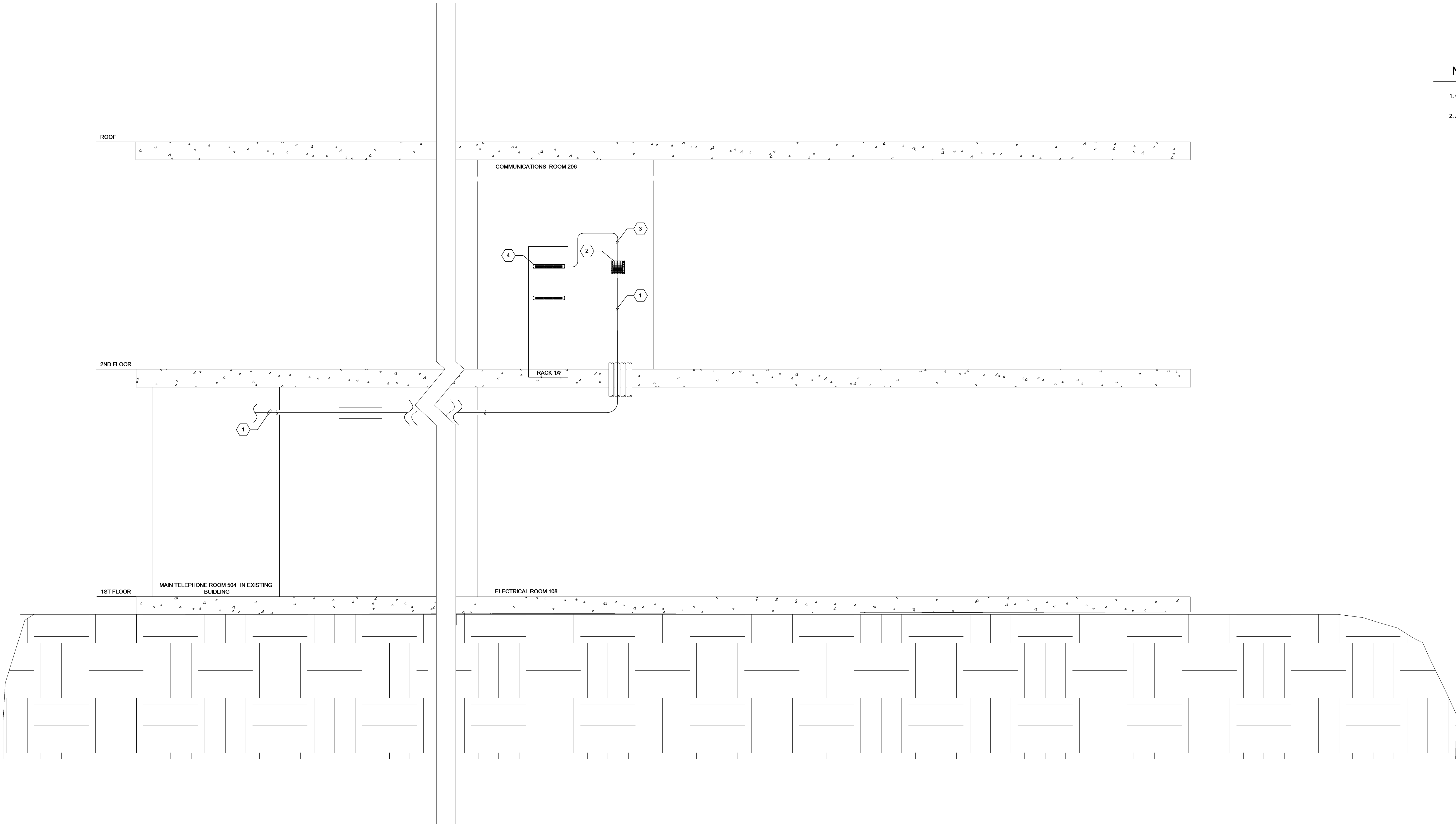
<div>CONSULTANTS:</div> <div>SYSKA HENNESSY GROUP <small>A member company of SH Group, Inc.</small></div> <div><small>Syska Hennessy Group, Inc. 425 California Street Suite 700 San Francisco, CA 94104 Tel: 415.258.9560 Fax: 415.835.0385 www.syska.com</small></div>		<div>Stamp and Signature</div> <div></div>	<div>ARCHITEC/ENGINEERS:</div> <div>KPA THE KPA GROUP</div> <div><small>ENGINEERS ARCHITECTS ONE KAISER PLAZA SUITE 445 OAKLAND CALIFORNIA 94612 TEL 510.271.6701 FAX 510.271.6707 ©THE KPA GROUP 2013 KPA Project No. 563.00</small></div>	<div>Drawing Title</div> <div>TELECOMMUNICATIONS FIBER RISER DIAGRAM</div> <div>Approved: Project Director - VAPAHCS PLANNING AND ENGINEERING</div>	<div>Project Title</div> <div>NEW OFFICE AND LABS</div> <div>Location 1080 INNOVATION WAY, SUNNYVALE, CA 94085</div> <div>Date 05/09/2014</div> <div>Checked H C</div> <div>Drawn C CALINGASAN</div>	<div>Project Number 640-379</div> <div>Building Number 1002</div> <div>Drawing Number T-602</div> <div>Dwg. of</div>	<div>Office of Construction and Facilities Management</div> <div>VAPAHCS <small>Veterans Affairs Palo Alto Health Care System</small></div>
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KEYNOTE:

- 50 PAIR COPPER FROM MAIN TELEPHONE ROOM 504 TO THE COMMUNICATIONS ROOM 206. TERMINATE ON WALL FIELD.
- 100 PAIR 110 CAT 5E TERMINATION BLOCK WITH CLIPS.
- 50 PAIR COPPER CAT 5E PIG TAIL FROM RACK 2 TO WALL TERMINATION 110 BLOCK.
- 48-PORT PATCH PANEL FOR SERVICE PROVIDERS VOICE LINES.

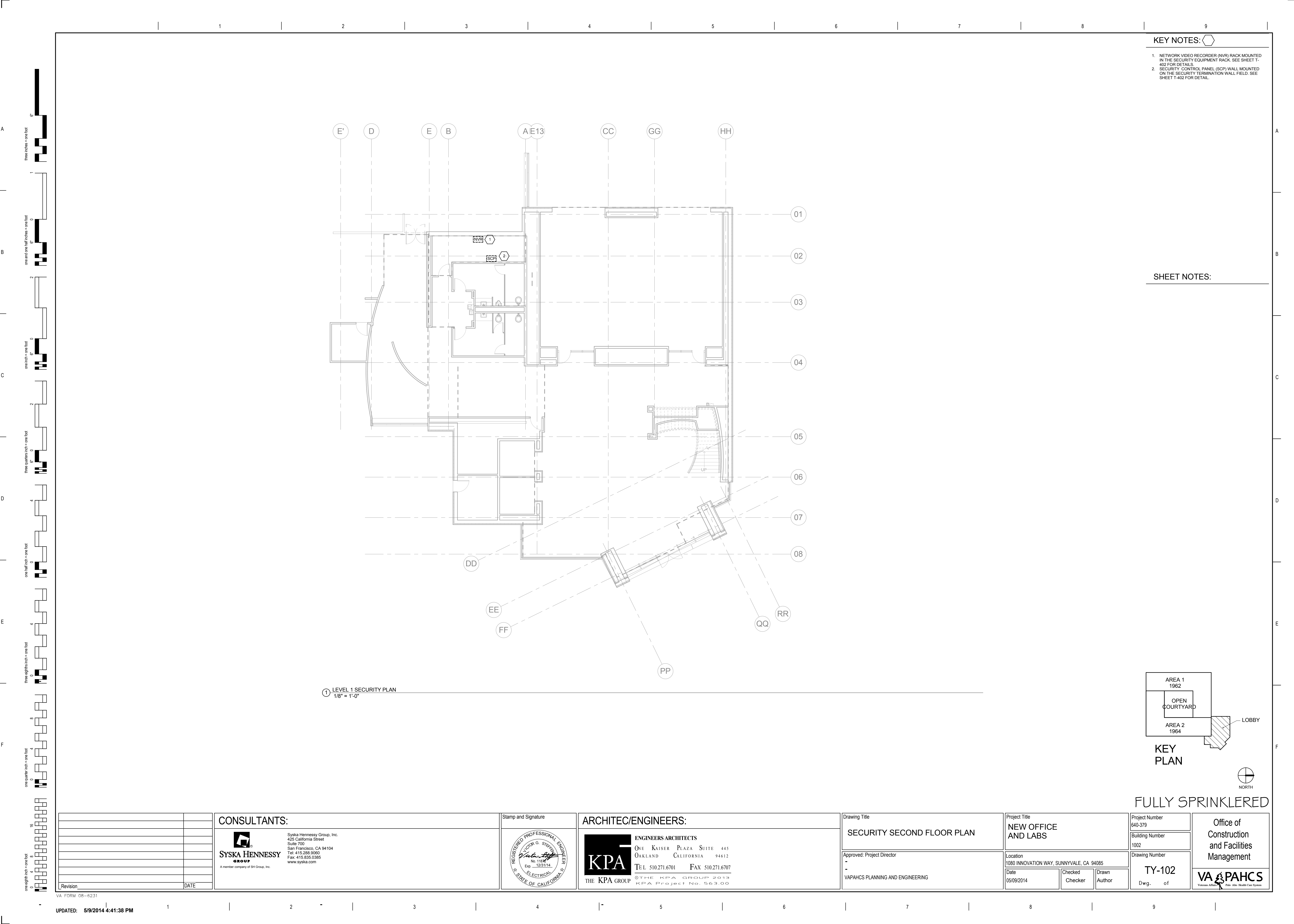
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- ALL CONDUITS AND SLEEVES SHALL INCLUDE ONE PULL STRING PER CONDUIT.



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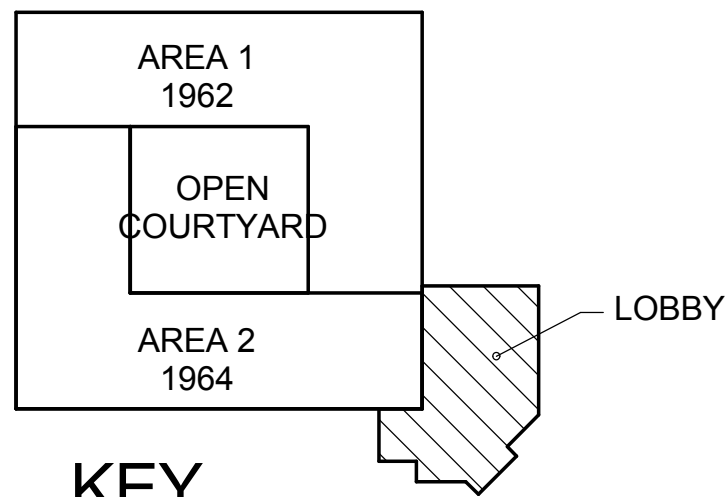
<div>Revision</div> <div>DATE</div>		<div>CONSULTANTS:</div> <div><div></div><div>Syska Hennessy Group, Inc. 425 California Street Suite 700 San Francisco, CA 94104 Tel: 415.258.9560 Fax: 415.835.0385 www.syska.com</div></div> <div>A member company of SH Group, Inc.</div>	<div>Stamp and Signature</div> <div></div>	<div>ARCHITEC/ENGINEERS:</div> <div><div></div><div>ENGINEERS ARCHITECTS ONE KAISER PLAZA SUITE 445 OAKLAND CALIFORNIA 94612 TEL 510.271.6701 FAX 510.271.6707 ©THE KPA GROUP 2013 KPA Project No. 563.00</div></div>	<div>Drawing Title</div> <div>TELECOMMUNICATIONS COPPER RISER DIAGRAM</div> <div>Approved: Project Director</div> <div>VAPAHCS PLANNING AND ENGINEERING</div>	<div>Project Title</div> <div>NEW OFFICE AND LABS</div> <div>Location</div> <div>1080 INNOVATION WAY, SUNNYVALE, CA 94085</div> <div>Date</div> <div>05/09/2014</div> <div>Checked</div> <div>H C</div> <div>Drawn</div> <div>C CALINGASAN</div>	<div>Project Number</div> <div>640-379</div> <div>Building Number</div> <div>1002</div> <div>Drawing Number</div> <div>T-603</div> <div>Dwg. of</div> <div></div>	<div>Office of Construction and Facilities Management</div> <div></div> <div>Veterans Affairs Palo Alto Health Care System</div>
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KEY NOTES:

1. NETWORK VIDEO RECORDER (NVR) RACK MOUNTED IN THE SECURITY EQUIPMENT RACK. SEE SHEET T-402 FOR DETAILS.
2. SECURITY CONTROL PANEL (SCP) WALL MOUNTED ON THE SECURITY TERMINATION WALL FIELD. SEE SHEET T-402 FOR DETAIL.

SHEET NOTES:



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Approved: Project Director -					Location 1080 INNOVATION WAY, SUNNYVALE, CA 94085		Building Number 1002					
VAPAHCS PLANNING AND ENGINEERING					Date 05/09/2014		Checked Checker	Drawn Author				
					Drawing Number TY-102		Dwg. of					
Revision					DATE							

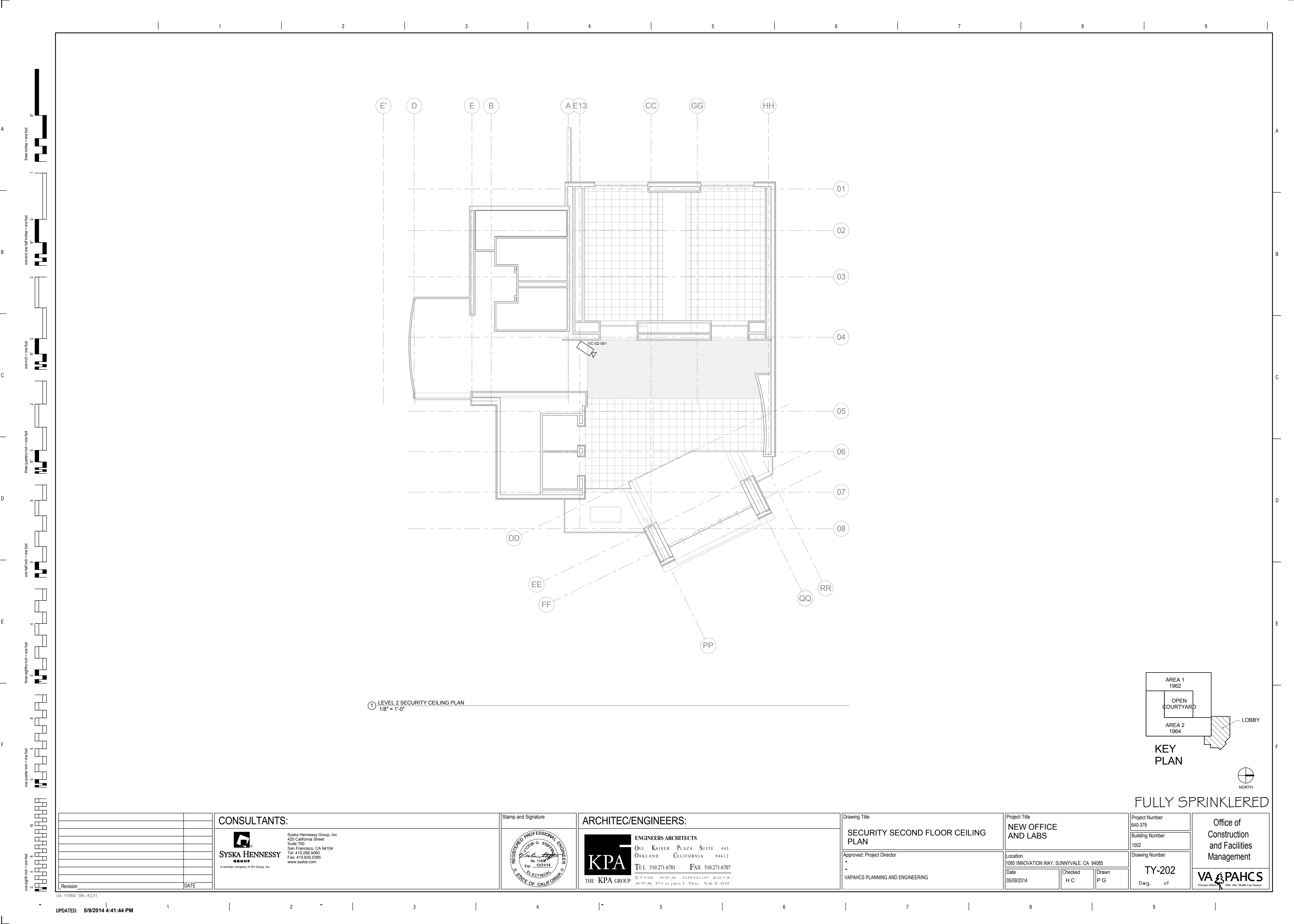
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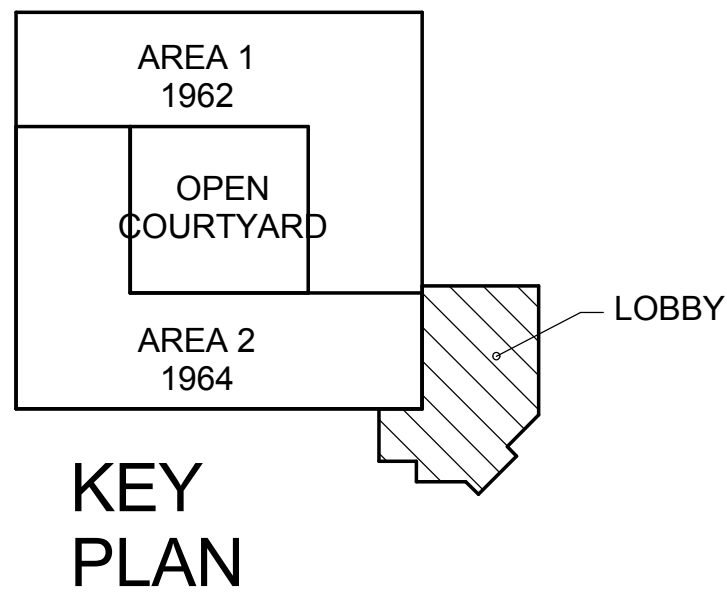
Office of
Construction
and Facilities
Management

PAHCS
Palo Alto Health Care System





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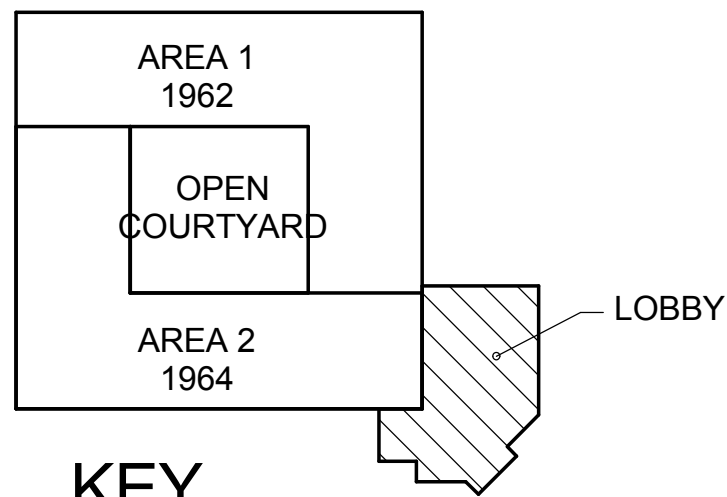
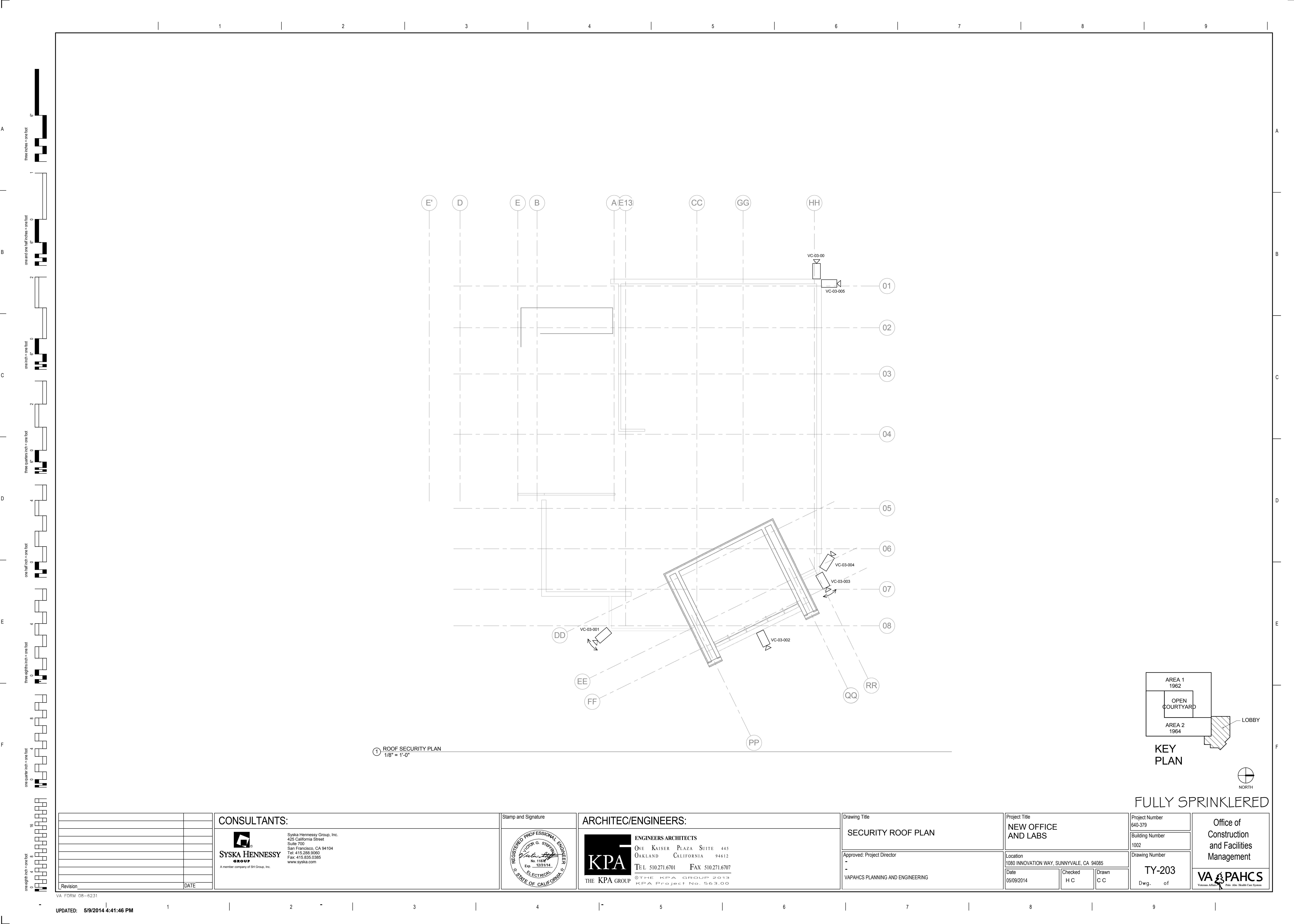
1 LEVEL 2 SECURITY CEILING PLAN
1/8" = 1'-0"



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						Building Number 1002	Drawing Number TY-202 Dwg. of				
					Approved: Project Director - VAPAHCS PLANNING AND ENGINEERING	Location 1080 INNOVATION WAY, SUNNYVALE, CA 94085			Date 05/09/2014	Checked H C	Drawn P G
Revision	DATE										

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--	--

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OAKLAND CALIFORNIA 94612
TEL 510.271.6701 FAX 510.271.6707

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 KPA Project No. 563.00

Project Title: NEW OFFICE AND LABS		Project Number: 640-379	
Location: 1080 INNOVATION WAY,		Building Number: 1002	
Date: 05/09/14		Drawing Number: TY-501	
Check: HC	Drawn: CC	Dwg. of	

Office of
Construction and
Facilities
Management

VA PAHCS
Veterans Affairs Palo Alto Health Care System

